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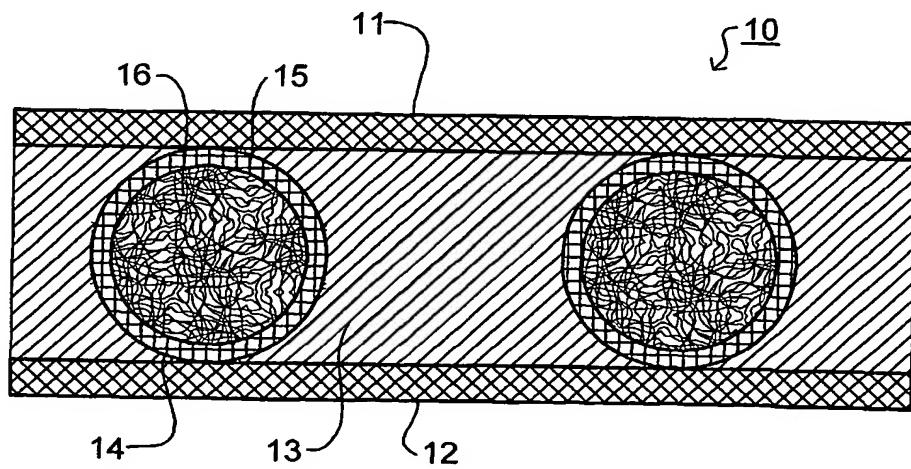
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(54) Title: STRUCTURAL SANDWICH PLATE MEMBERS



(57) Abstract: A structural sandwich plate member comprises first and second outer plates and a core of plastics or polymer material. A plurality of lightweight forms are disposed between the outer plates so that the core material forms ribs extending in two substantially orthogonal directions. The lightweight forms are formed of a fire resistant insulating material, such as mineral wool, preferably surrounded by a barrier to prevent the insulating material being soaked by the liquid form of the plastics or polymer material during injection of the core. The barrier may take the form of a hollow tube in which the insulating material is placed or a coating applied by dipping or spraying or a sheet material such as metal foil, felt, mineral cloth, etc..

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| A. CLASSIFICATION OF SUBJECT MATTER | | | | |
| IPC 7 | B32B15/08 | B32B3/20 | E04C2/292 | E04C2/34 |

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

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Patent family members are listed in annex.

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